## **CLAIMS**

1. A compound of formula (2):

$$R^{y}$$
 $NH_{2}$ 
 $R^{y}$ 
 $R^{$ 

5 wherein

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R is a -CN, -NO<sub>2</sub>, -CO<sub>2</sub>Alk<sup>2</sup>, -COC<sub>1-6</sub>alkyl or -CONHet<sup>2</sup> group;

Alk² is an optionally substituted alkyl, arylalkyl-, aryl, aryloxyalkyl-, alkanoyloxyalkyl- or aroyloxyalkyl- group;

NHet<sup>2</sup> is an optionally substituted 4- to 6-membered heterocycloalkyl group attached through a nitrogen atom to the group -CO;

R<sup>1</sup> is an optionally substituted aryl, heteroaryl, cycloalkyl or heterocycloalkyl group; and

 $\ensuremath{\mathsf{R}}^{\ensuremath{\mathsf{y}}},$  which may be the same or different, is each a hydrogen atom or a hydrogen atom precursor;

- and the salts, solvates, hydrates, protected derivatives and N-oxides thereof.
  - 2. A compound according to Claim 1 in which R<sup>1</sup> is an optionally substituted phenyl, pyridyl, pyrimidinyl, pyridazinyl, pyrazinyl, thienyl, indolyl, cyclopropyl, cyclobutyl, cyclopentyl or cyclohexyl group.
  - 3. A compound according to Claim 2 wherein R<sup>1</sup> is an optionally substituted phenyl or cyclopropyl group.
- 4. A compound according to any one of Claims 1 to 3, in which each  $R^{\circ}$  is 25 a hydrogen atom.
  - `5. A compound according to any one of Claims 1 to 4, in which  $Alk^2$  is a  $C_{1-6}$  alkyl group.

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- 6. A compound according to any one of Claims 1 to 4, wherein R is a -CN, -CO<sub>2</sub>CH<sub>3</sub>, -CO<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>, -COCH<sub>3</sub> or -CONHet<sup>2</sup> group.
- 7. Use of a compound of formula (2) as defined in Claim 1 in the manufacture of a compound of formula (1) or (1A):

wherein R, R<sup>1</sup> and R<sup>y</sup> are as defined in Claim 1, T is a halogen atom, and Ar is an optionally substituted aromatic or heteroaromatic group.

10 8. A process for the manufacture of a halide of formula (1):

wherein R, R<sup>1</sup> and R<sup>y</sup> are as defined in Claim 1 and T is as defined in Claim 7; which comprises diazotization of a compound of formula (2) as defined in Claim 1, followed by halide displacement.

- 9. A process according to Claim 8 wherein the reaction is carried out in the presence of an alkyl nitrite or a metal nitrite in the presence of an acid, followed by addition of a copper salt, in the presence of a solvent.
- 20 10. A process for the manufacture of a compound of formula (1A):

$$\begin{array}{cccc}
R^{y} & N(H)Ar \\
R^{y} & R \\
R^{1} & (1A)
\end{array}$$

wherein R, R<sup>1</sup> and R<sup>y</sup> are as defined in Claim 1 and Ar is an optionally substituted aromatic or heteroaromatic group; which comprises reacting a

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compound of formula (2), as defined in Claim 1, with a compound ArQ, wherein Q is a leaving group, in the presence of a transition metal catalyst.

- 11. A process according to Claim 10 wherein the reaction is carried out in
  5 the presence of a solvent, using a palladium catalyst, a phosphine ligand and a base.
  - 12. A process according to Claim 10 wherein the reaction is carried out in the presence of a copper catalyst.
  - 13. A process for the manufacture of a compound of formula (2), as defined in Claim 1, which comprises the steps of:
    - a) reacting a compound of formula (2a) or (2b):

$$R^{y}$$
 $R^{y}$ 
 $R^{y}$ 
 $R^{c}$ 
 $R^{y}$ 
 $R^{y$ 

wherein R<sup>y</sup> is as defined in Claim 1, R<sup>c</sup> is an optionally substituted alkyl group, and W is a hydrogen atom, a metal ion or an amine salt; with a compound of formula (3):

wherein R1 is as defined in Claim 1;

b) followed by reaction with a compound of formula (5):

wherein R is as defined in Claim 1 and Z is a leaving group.

14. The process according to Claim 13 wherein W is a metal ion.

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15. The process according to Claim 13 or Claim 14 wherein step a) is performed in the presence of a base.

- 16. The process according to Claim 15 wherein the base is selected from a
  5 lithium base, a silazane, a carbonate, an alkoxide, a hydroxide, a hydride, an organic amine, or a cyclic amine.
  - 17. The process according to any one of Claims 13 to 16 wherein the reaction is carried out in an organic solvent.
  - 18. The process according to Claim 17 wherein step a) and step b) is each carried out in a organic solvent, which may be the same or different in each step, selected from an amide, an ether, an alcohol or acetonitrile.
- 15 19. The process according to any one of Claims 13 to 18 wherein an intermediate of formula (4) is isolated after step a):

wherein R¹ and Ry are as defined in Claim 1 and W is as defined in Claim 13.

20 20. A compound of formula (4):

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wherein R<sup>1</sup> and R<sup>y</sup> are as defined in Claim 1 and W is as defined in Claim 13.

21. The process according to any one of Claims 13 to 19 wherein an intermediate of formula (6) is isolated during step b):

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$$R^{y}$$
 $CN$ 
 $S$ 
 $R^{y}$ 
 $R^{$ 

wherein R<sup>1</sup>, R and R<sup>y</sup> are as defined in Claim 1.

## 22. A compound of formula (6):

$$R^{y}$$
 $CN$ 
 $R^{y}$ 
 $R^{y}$ 

wherein R<sup>1</sup>, R and R<sup>y</sup> are as defined in Claim 1.